

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for reporting communication records to at least one subscriber, the communication records of each subscriber including call transaction data corresponding to call transaction activity of the subscriber, the method comprising:

receiving a request for call transaction data from a subscriber;
receiving the call transaction data;
verifying the validity of the call transaction data in part by performing a statistical analysis to determine whether certain variables within the call transaction data fall within parameters that are determined based on previously collected statistical call transaction data;
matching the call transaction data associated with the subscriber;
formatting the call transaction data;
enabling the subscriber to select an electronic delivery mechanism for the formatted call transaction data; and
electronically transmitting the formatted call transaction data to the subscriber using the subscriber selected electronic delivery mechanism.

2. (Original) The method as in Claim 1, wherein electronically transmitting the formatted call transaction data to the subscriber via e-mail comprises transmitting the e-mail in a text format.

3. (Original) The method as in Claim 1, wherein electronically transmitting the formatted call transaction data to the subscriber via e-mail comprises transmitting the e-mail in an HTML format.

4. (Original) The method as in Claim 1, wherein electronically transmitting the formatted call transaction data to the subscriber via e-mail comprises transmitting the formatted call transaction data via the e-mail in a plurality of formats.

5. (Original) The method as in Claim 1, wherein the formatted call transaction data comprises one or more of text, tables, graphs and maps.

6. (Original) The method as in Claim 1, further comprising configuring formatting options by the subscriber.
7. (Original) The method as in Claim 1, wherein the formatted call transaction data comprises at least a summary report portion and at least one detailed report portion.
8. (Original) The method as in Claim 1, wherein the e-mail includes a selectable option to change subscriber service.
9. (Original) The method as in Claim 8, wherein the change of subscriber service comprises at least one of an upgrade to a different subscriber service, a downgrade to a different subscriber service, and canceling the subscriber service.
10. (Original) The method as in Claim 1, wherein the e-mail includes advertisements.
11. (Original) The method as in Claim 1, wherein formatting the call transaction data comprises parsing through message content and replacing content variables with message content from call transaction data.
12. (Currently Amended) A method for reporting communication records to at least one subscriber, the communication records of each subscriber including call transaction data corresponding to call transaction activity of the subscriber, the method comprising:
 - receiving the call transaction data;
 - verifying the validity of the call transaction data by performing statistical analysis to determine whether certain variables fall within parameters established using previously collected statistical call transaction data;
 - matching the call transaction data associated with the subscriber;
 - formatting the call transaction data; and
 - electronically transmitting the formatted call transaction data to the subscriber using a subscriber selected electronic delivery mechanism.

13. (Original) The method as in Claim 12, wherein receiving the call transaction data comprises receiving an electronic representation of the call transaction data from a call switching system.

14. (Original) The method as in Claim 12, wherein matching the call transaction data associated with the subscriber comprises comparing a subscriber list to a subscriber identification associated with the call transaction data.

15. (Original) The method as in Claim 12, wherein formatting the call transaction data comprises arranging the data into a file capable of electronic transmission.

16. (Original) The method as in Claim 12, wherein electronically transmitting the formatted call transaction data comprises delivering the formatted call transaction data via a wireless application protocol (WAP).

17. (Original) The method as in Claim 12, wherein electronically transmitting the formatted call transaction data comprises delivering the formatted call transaction data via one or more of a network download, a wireless protocol, an FTP transfer, an audio signal, and an Internet phone.

18. (Original) The method as in Claim 12, wherein electronically transmitting the formatted call transaction data comprises delivering the formatted call transaction data via e-mail.

19. (Original) The method as in Claim 18, wherein delivering the formatted call transaction data via e-mail comprises delivering the e-mail periodically.

20. (Original) The method as in Claim 18, wherein delivering the formatted call transaction data via e-mail comprises delivering the e-mail upon request by the subscriber.

21. (Original) The method as in Claim 18, wherein delivering the formatted call transaction data via e-mail comprises delivering the e-mail upon occurrence of a predetermined event.

22. (Original) The method as in Claim 18, further comprising associating a geographic location to parties of each call engaged with the subscriber through analyzation of one or more location

parameters included in the call transaction data, wherein the accuracy of the geographic location is a function of the location parameters.

23. (Currently Amended) The method as in Claim ~~[[18]]12~~, ~~further comprising verifying the validity of the call record data~~ wherein the certain variables further comprise at least one of a number of calls received, a number of busy calls received, or a number of calls for which a status is unknown in a given time period.

24. (Original) The method as in Claim 18, further comprising geocoding the call transaction data, wherein geocoding the call transaction data comprises associating a geographic region corresponding to the location of a non-subscriber party of each call.

25. (Original) The method as in Claim 18, further comprising geocoding the call transaction data, wherein geocoding the call transaction data comprises associating a longitude and latitude corresponding to the location of a non-subscriber party of each call.

26. (Original) The method as in Claim 18, wherein formatting the call transaction data comprises aggregating the call transaction records and geocoded data into a transportable file.

27. (Original) The method as in Claim 18, further comprising presenting the formatted call transaction data as a report to the subscriber, wherein the report comprises at least one of a table, a map, and a graph.

28. (Original) The method as in Claim 18, further comprising collecting the call transaction data corresponding to each subscriber by recognizing each of the subscriber's call transactions that traverses a communications hub.

29. (Original) The method as in Claim 28, wherein the communications hub comprises at least one of a telephone switch, router or bridge.

30. (Currently Amended) A call reporting apparatus for reporting communication records to at least one subscriber, the communication records of each subscriber including call transaction data corresponding to call transaction activity of the subscriber, the call reporting apparatus comprising:

- means for receiving the call transaction data;
- means for verifying the validity of the call transaction data in part by using a statistical analysis based on historical statistical call transaction data;
- means for matching the call transaction data associated with the subscriber;
- means for formatting the call transaction data; and
- means for electronically transmitting the formatted call transaction data to the subscriber using a subscriber selected electronic delivery mechanism.

31. (Currently Amended) A computer-readable medium having computer-executable instructions for facilitating the reporting of call records to at least one subscriber, the call records including call transaction data corresponding to call transaction activity of the subscriber, the computer-executable instructions performing steps comprising:

- receiving the call transaction data;
- verifying the validity of the call transaction data by performing statistical analysis to determine whether certain variables fall within parameters established using previously collected statistical call transaction data;
- matching the call transaction data associated with the subscriber;
- formatting the call transaction data; and
- electronically transmitting the formatted call transaction data to the subscriber using a subscriber selected electronic delivery mechanism.

32. (Currently Amended) A method for reporting calls having associated call transaction data, the calls being between a subscriber and at least one second caller, the method comprising:

- accessing the call transaction data;
- identifying the subscriber associated with each call;
- determining an approximate longitude and latitude of the second caller for each call using the call transaction data based in part on a closest correlation of stored location parameters and by

further assigning a value to the determined longitude and latitude that indicates a degree of accuracy of the determined longitude and latitude; and

delivering a call report including the approximate longitude and latitude for each call to the subscriber associated with the call using a subscriber selected electronic delivery mechanism.

33. (Original) The method as in Claim 32, wherein delivering the call report comprises delivering a hardcopy report.

34. (Original) The method as in Claim 32, wherein delivering the call report comprises delivering at least one storage media storing an electronically-perceivable representation of the call transaction data.

35. (Original) The method as in Claim 32, wherein delivering the call report comprises delivering the call report via electronic mail (e-mail).

36. (Original) The method as in Claim 35, wherein delivering the call report via e-mail comprises delivering the call report via e-mail for all calls occurring over a predetermined time period to the subscriber.

37. (Original) The method as in Claim 35, wherein the call transaction data includes at least one of calls placed by the second caller to the subscriber, and calls placed by the subscriber to the second callers.

38. (Original) The method as in Claim 35, wherein the call transaction data for a given call includes a postal code of the call originator for the given call and wherein determining an approximate longitude and latitude comprises using the postal code to obtain the approximate longitude and latitude of the call originator.

39. (Original) The method as in Claim 38, wherein the determining step comprises correlating the postal code with the longitude and latitude of a geographic centroid of an area defined by the postal code.

40. (Original) The method as in Claim 35, wherein the call transaction data includes an area code of a telephone line number of the call originator and wherein the determining step comprises using the area code of the telephone line number of the call originator to obtain the approximate longitude and latitude.

41. (Original) The method as in Claim 40, wherein the determining step comprises correlating the area code with the longitude and latitude of a geographic centroid of an area defined by the area code.

42. (Original) The method as in Claim 35, wherein the call transaction data comprises an area code and exchange code of a telephone line number of the call originator and wherein the determining step comprises using the area code and exchange code of the telephone line number of the call originator to obtain the appropriate longitude and latitude.

43. (Original) The method as in Claim 42, wherein the determining step comprises correlating the area code and exchange code with the longitude and latitude of a geographic centroid of an area defined by the area code and exchange code.

44. (Currently Amended) A method for reporting call records of calls involving a call party, wherein each of the calls has associated call transaction data, the method comprising:

accessing the call transaction data;

identifying the call party associated with each call;

verifying the validity of the call transaction data by performing statistical analysis to determine whether certain variables fall within parameters established using previously collected statistical call transaction data;

generating a statistical report related to the call transaction data if the call transaction data is valid; and

delivering the statistical report to the call party using the subscriber selected electronic delivery mechanism.

45. (Currently Amended) The method as in Claim 44, wherein ~~the verifying step comprises performing statistical analysis to determine whether certain variables fall within parameters established using previously collected statistical call transaction data~~ the certain variables further comprise at least one of a number of calls received, a number of busy calls received, or a number of calls for which a status is unknown in a given time period.

46. (Currently Amended) A method for reporting calls having associated call transaction data, the calls being between at least first and second callers, the method comprising:

accessing the call transaction data;

identifying a caller associated with each call;

analyzing the call transaction data to determine an approximate ~~geographical reference~~ longitude and latitude related to each call based on a closest correlation of stored location parameters and a call originator location parameter and further assigning a value to the determined longitude and latitude that indicates a degree of accuracy of the determined longitude and latitude;
and

electronically delivering to at least one caller a plurality of variable telecommunication transaction attributes associated with each call and correlated to the approximate longitude and latitude ~~geographical reference~~ for each call, wherein the plurality of variable telecommunication transaction attributes are delivered employing an electronically delivered mechanism selected by the at least one caller.